

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in this application.

Listing of Claims:

1. (Currently Amended) A system for managing compliance with service level agreements, comprising:
 - a storage device for storing information corresponding to at least one service level agreement, said information including penalties for failing to meet certain aspects of said at least one service level agreement;
 - a policy manager operable to use said stored information to determine an initial set of penalties for a service level agreement corresponding to each of one or more delivery jobs, said policy manager being further operable to prioritize said one or more delivery jobs based on said initial set of penalties, using the information corresponding to the at least one service level wherein, during a processing sweep through said one or more delivery jobs, said policy manager is operable to modify said initial set of penalties and reprioritize the delivery jobs based on the modified penalties;
 - a queue manager operable to communicate with the policy manager to manage create a prioritized list of the one or more delivery jobs to be delivered in accordance with the delivery prioritization determined by the policy manager priority determined for the one or more delivery jobs, wherein each priority is determined in accordance with a penalty for not meeting one or more requirements in a corresponding service level agreement, and wherein the penalty is variable while the priority list is updated; and

a delivery manager to deliver the one or more jobs in accordance with the delivery prioritization ~~prioritized list~~.

2. (Original) The system recited in claim 1, wherein said one or more delivery jobs are originated by one or more of a low-priority single-address subscriber, a high-priority single address subscriber, a broadcast subscriber, a free subscriber and an off-peak subscriber.

3. (Original) The system recited in claim 1, further comprising a dynamic storage device to store dynamic information relating to a delivery resource to which the one or more jobs can be delivered.

4. (Currently Amended) The system recited in claim 3, further comprising a routing manager to determining efficient routing for the one or more delivery jobs in the delivery prioritization ~~prioritized list~~.

5. (Canceled)

6. (Original) The system recited in claim 1, further comprising a log manager that receives processing status information from the delivery manager and stores the processing information for generation of status reports.

7. (Canceled)

8. (Currently Amended) The system recited in claim 1, wherein the policy queue ~~manager~~ determines a benefit value for each of the one or more jobs in the prioritized list.

9. (Currently Amended) A method for managing compliance with service level agreements, comprising the steps of:

storing information corresponding to at least one service level agreement, said information including penalties for failing to meet certain aspects of said at least one service level agreement;

determining, using the stored information, an initial set of penalties ~~a priority for each of~~ one or more delivery jobs and prioritizing said one or more delivery jobs based on said initial set of penalties ~~using the information corresponding to the at least one service level agreements;~~

managing ~~creating a prioritized list of the~~ said one or more delivery jobs to be delivered in accordance with the determined prioritization ~~priority determined for the one or more delivery jobs, wherein each priority is determined in accordance with a penalty for not meeting one or more requirements in a corresponding service level agreement, and~~

processing said one or more delivery jobs through at least one processing sweep;

during the at least one processing sweep,

determining whether to modify any penalty of said initial set of penalties;

modifying each penalty for which a determination is made that the penalty be modified; and

reprioritizing said one or more delivery jobs based on the modified penalties ~~the penalty is variable while the priority list is updated; and~~

delivering the one or more jobs in accordance with the reprioritization ~~prioritized list.~~

10. (Currently Amended) The method recited in claim 9, further comprising the step of storing dynamic information relating to delivery ~~resources~~ resource to which the one or more jobs can be delivered.

11. (Canceled)

12. (Currently Amended) The method recited in claim 10, further comprising the step of efficiently routing the one or more delivery jobs in the delivery prioritization ~~prioritized list~~.

13. (Original) The method recited in claim 9, further comprising the steps of:
receiving processing status information from the delivery manager; and
storing the processing information.

14. (Original) The method recited in claim 13, further comprising the step of generating a status report from the stored processing information.

15. (Currently Amended) A system for delivering messages in one or more delivery jobs in accordance with one or more delivery requirements, comprising:

a static storage ~~store~~ to store one or more delivery records, each delivery record having one or more delivery parameters;

a policy manager to obtain the one or more ~~a delivery records~~ record corresponding to one or more ~~each~~ delivery jobs job;

a queue manager operable to use said stored one or more delivery parameters to
determine an initial set of penalties for ~~create a prioritized list of~~ said one or more delivery jobs.

~~and assign each delivery job an initial priority, wherein each priority is determined in accordance with a penalty for not meeting one or more requirements in a corresponding service level agreement, and wherein said queue manager being further operable to prioritize said one or more delivery jobs based on said initial set of penalties, wherein, during a processing sweep through said one or more delivery jobs, said queue manager is operable to modify said initial set of penalties and to reprioritize said one or more delivery jobs based on the modified penalties~~
~~the penalty is variable while the priority list is updated;~~

a routing manager to determine optimal routing for each job; and

a delivery manager to deliver each delivery job in accordance with the delivery prioritization prioritized list of delivery jobs determined by the queue manager.

16. (Original) The system recited in claim 15, wherein each record contains one or more of a record identification, a time-to-first attempt, a time to last attempt and an initial priority.

17. (Original) The system recited in claim 16, where in each record further includes one or more of a priority increment, a minimum retry count and a minimum retry interval.

18. (Original) The system recited in claim 15, wherein if delivery of a delivery job is unsuccessful, the delivery manager retries delivery of the delivery job.

19. (Original) The system recited in claim 18, wherein the delivery manager only retires delivery of the delivery job when that retry is purposeful.

20. (Original) The system recited in claim 18, wherein prior to retry of delivery of the delivery job, the queue manager seeks new routing for the job.

21. (Original) The system recited in claim 15, wherein the optimal routing is determined on a least cost basis.

22. (Currently Amended) A method for delivering messages in one or more delivery jobs in accordance with one or more delivery requirements, comprising the steps of:

storing one or more delivery records, each delivery record having one or more delivery parameters;

obtaining one or more stored a-delivery records record, wherein said one or more delivery records corresponds ~~corresponding~~ to one or more each delivery jobs job;

generating, using the stored one or more delivery parameters, creating an initial set of penalties for said one or more delivery jobs, and to prioritize said one or more delivery jobs based on said initial set of penalties a prioritized list of delivery jobs and assign each delivery job an initial priority;

managing the one or more delivery jobs to be delivered in accordance with the generated prioritization;

processing said one or more delivery jobs through at least one processing sweep;

during the at least one processing sweep:

determining whether to modify any penalty of said initial set of penalties;

modifying each penalty for which a determination is made that the penalty be modified; and

reprioritizing the one or more delivery jobs based on the modified penalties;
determining an optimal routing for each job; and
delivering each delivery job in accordance with the reprioritization ~~prioritized list of the~~
one or more delivery jobs;
~~wherein each priority is determined in accordance with a penalty for not meeting one or~~
~~more requirements in a corresponding service level agreement, and wherein the penalty is~~
~~variable while the priority list is updated.~~

23. (Original) The method recited in claim 22, further comprising the step of retrying delivery of a delivery job when delivery of a delivery job is unsuccessful.

24. (Original) The method recited in claim 23, further comprising the step of retrying delivery of the delivery job when that retry is purposeful.

25. (Original) The method recited in claim 23, further comprising the step of determining new routing for the delivery job prior to retrying delivery of the delivery job.

26. (Original) The method recited in claim 15, further comprising the step of least cost routing each delivery job.

27. (Currently Amended) A system for delivering messages in delivery jobs, comprising:

means for classifying each delivery job according to a type of subscribed originating the delivery job;

means for obtaining a service level agreement record corresponding to each delivery job, the service level agreement record obtained being dependent upon the type of subscriber originating the delivery job;

means for assigning a priority to each delivery job in accordance with the obtained service level agreement record ~~obtained~~, wherein each priority is determined in accordance with a penalty determined for each delivery job and wherein the penalty is determined using the obtained service level agreement record; for not meeting one or more requirements in a ~~corresponding service level agreement, and wherein~~

means for retrieving one or more delivery jobs;

means for determining a delivery prioritization of the one or more delivery jobs based on the assigned priorities of the one or more delivery jobs;

means for managing the one or more delivery jobs to be delivered in accordance with the delivery prioritization;

means for processing the one or more delivery jobs through at least one processing sweep;

means for determining whether to modify any of the penalties determined for the one or more delivery jobs during the at least one processing sweeps;

means for modifying each penalty for which a determination is made that the penalty be modified;

means for reprioritizing the one or more delivery jobs based on modified penalties the ~~penalty is variable while the priority list is updated; and~~

means for delivering the one or more ~~each~~-delivery jobs ~~job~~ in accordance with ~~its~~
~~assigned priority~~ the delivery prioritization.

28. (Original) The system recited in claim 27, further comprising means for determining optimal routing for each delivery job.

29. (Original) The system recited in claim 27, wherein the type of subscriber originating the delivery job is one of a broadcast subscriber, a high-priority single address subscriber, a low-priority single address subscriber, a free subscriber and an off-peak subscriber.

30. (Canceled)

31. (Canceled)

32. (Original) The system recited in claim 27, further comprising means for retrying delivery of delivery jobs that are unsuccessful.

33. (Original) The system recited in claim 32, further comprising means for retrying delivery of delivery jobs that are unsuccessful only where the retry is purposeful.

34. (Currently Amended) A method for delivering messages in delivery jobs, comprising the steps of:

classifying each delivery job according to a type of subscribed originating the delivery job;

obtaining a service level agreement record corresponding to each delivery job, the service level agreement record obtained being dependent upon the type of subscriber originating the delivery job;

assigning a priority to each delivery job in accordance with the obtained service level agreement record ~~obtained~~, wherein each priority is determined in accordance with a penalty determined for each delivery job using the obtained service level agreement record; for not ~~meeting one or more requirements in a corresponding service level agreement, and wherein~~ retrieving one or more delivery jobs;

determining a delivery prioritization of one or more delivery jobs based on the assigned priorities of the one or more delivery jobs;

managing the one or more delivery jobs to be delivered in accordance with the delivery prioritization;

processing the one or more delivery jobs through at least one processing sweep;

during the at least on processing sweep:

determining whether to modify any of the penalties determined for the one or more delivery jobs;

modifying each penalty for which a determination is made that the penalty be modified; and

reprioritizing the the one or more delivery jobs based on the modified penalties;
and

the penalty is variable while the priority list is updated; and

delivering each delivery job in accordance with ~~its assigned~~ the delivery prioritization.

35. (Original) The method recited in claim 34, further comprising the step of determining optimal routing for each delivery job.

36. (Canceled)

37. (Canceled)

38. (Currently Amended) The method ~~system~~ recited in claim 34, further comprising ~~means for~~ retrying delivery of delivery jobs that are unsuccessful.

39. (Currently Amended) The method ~~system~~ recited in claim 38, further comprising ~~mean for~~ retrying delivery of delivery jobs that are unsuccessful only where the retry is purposeful.